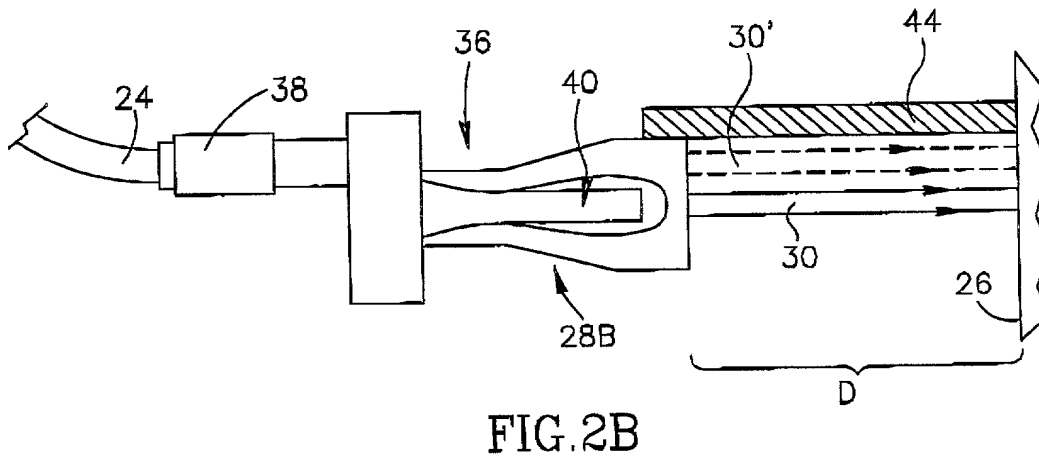
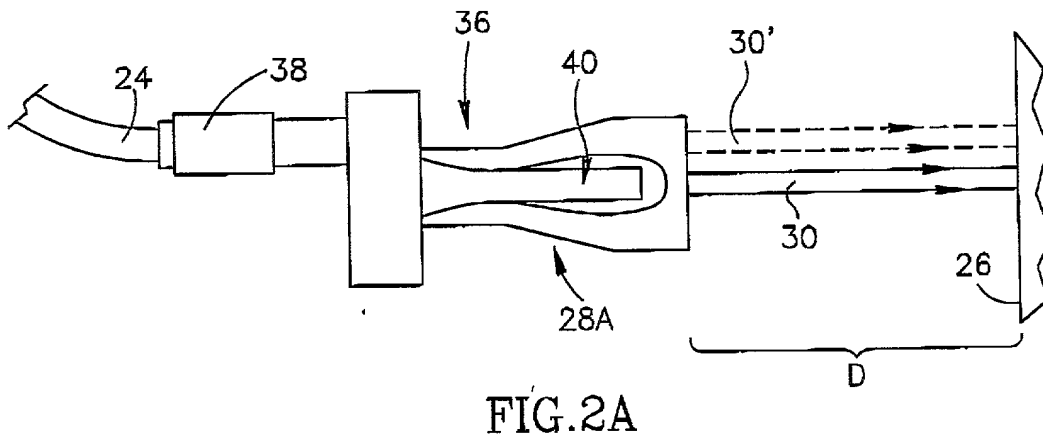
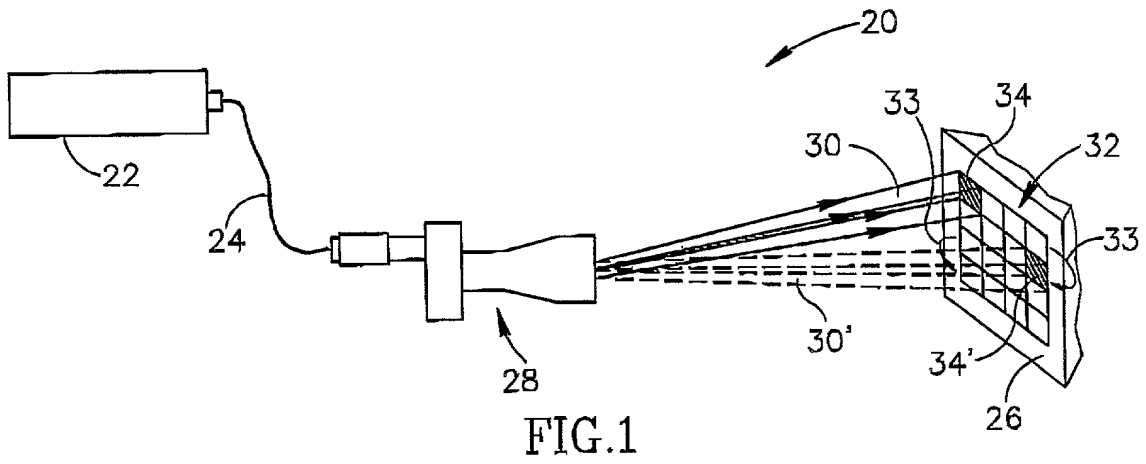


#4



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FIG. 3

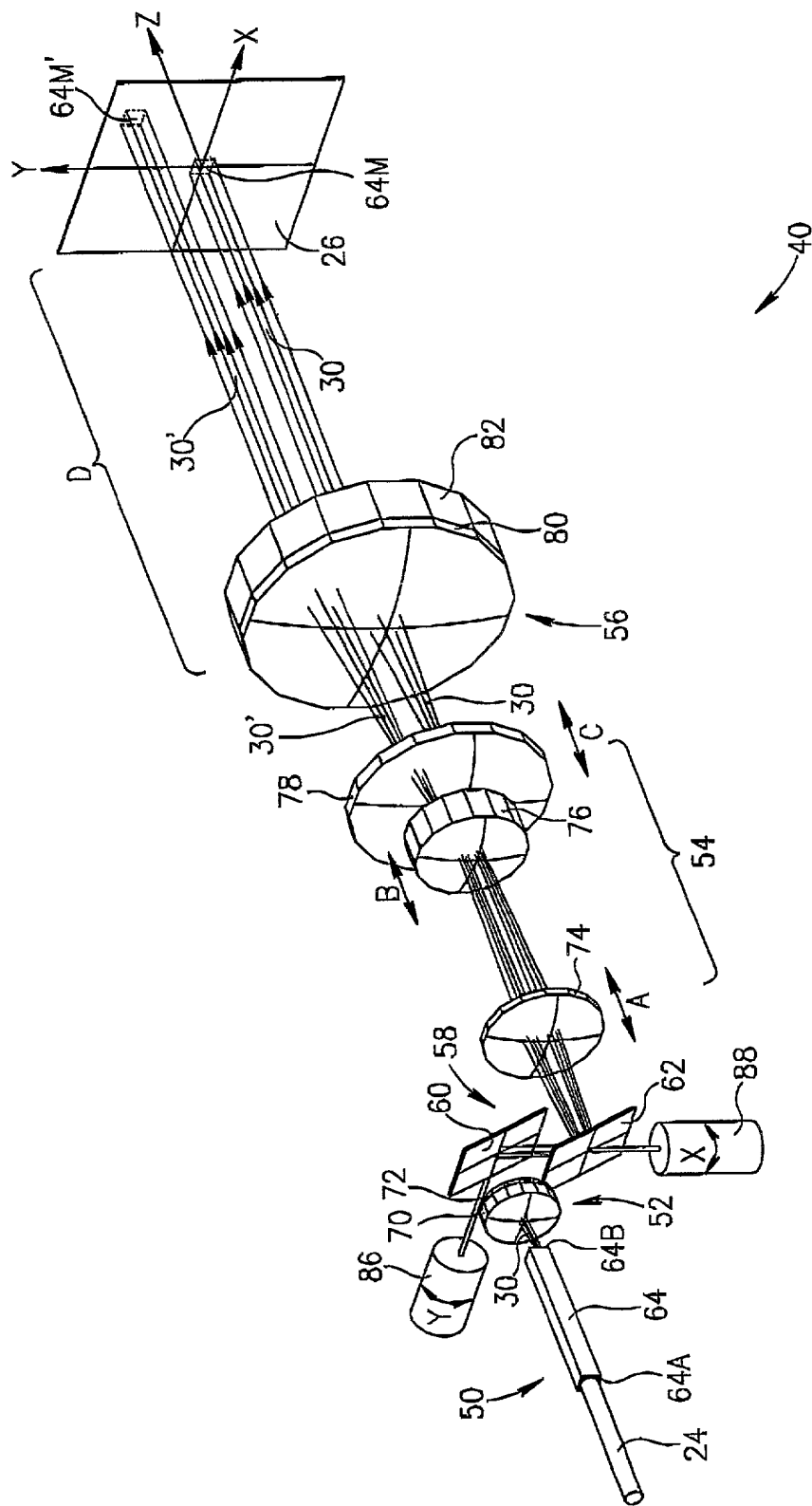


FIG. 3

Figure 1

(A) Schematic diagram of the experimental setup. A laser beam is directed at a sample, which is mounted on a stage. The scattered light is collected by a lens and focused onto a detector.

(B) Plot of the intensity of the scattered light versus the scattering angle. The curve shows a peak at approximately 90 degrees.

(C) Plot of the intensity of the scattered light versus the wavelength. The curve shows a broad peak centered around 600 nm.

(D) Plot of the intensity of the scattered light versus the concentration of the sample. The curve shows a linear increase in intensity with increasing concentration.

(E) Plot of the intensity of the scattered light versus the time delay between the incident and scattered beams. The curve shows a sharp peak at zero time delay.

(F) Plot of the intensity of the scattered light versus the polarization angle. The curve shows a sinusoidal oscillation.

(G) Plot of the intensity of the scattered light versus the scattering vector. The curve shows a series of peaks and troughs.

(H) Plot of the intensity of the scattered light versus the scattering angle for different concentrations. The curves show that the peak intensity increases with concentration.

(I) Plot of the intensity of the scattered light versus the scattering angle for different wavelengths. The curves show that the peak position shifts with wavelength.

(J) Plot of the intensity of the scattered light versus the scattering angle for different polarizations. The curves show that the peak intensity depends on the polarization state.

(K) Plot of the intensity of the scattered light versus the scattering angle for different time delays. The curves show that the peak intensity decreases as the time delay increases.

(L) Plot of the intensity of the scattered light versus the scattering angle for different polarization angles. The curves show that the peak intensity varies sinusoidally with the polarization angle.

(M) Plot of the intensity of the scattered light versus the scattering angle for different scattering vectors. The curves show that the peak intensity varies periodically with the scattering vector.

(N) Plot of the intensity of the scattered light versus the scattering angle for different concentrations and wavelengths. The curves show that the peak intensity and position are affected by both parameters.

(O) Plot of the intensity of the scattered light versus the scattering angle for different concentrations and polarization angles. The curves show that the peak intensity and position are affected by both parameters.

(P) Plot of the intensity of the scattered light versus the scattering angle for different concentrations and time delays. The curves show that the peak intensity and position are affected by both parameters.

(Q) Plot of the intensity of the scattered light versus the scattering angle for different concentrations and polarization angles and time delays. The curves show that the peak intensity and position are affected by all three parameters.

(R) Plot of the intensity of the scattered light versus the scattering angle for different concentrations and polarization angles and time delays and wavelengths. The curves show that the peak intensity and position are affected by all four parameters.

(S) Plot of the intensity of the scattered light versus the scattering angle for different concentrations and polarization angles and time delays and wavelengths and scattering vectors. The curves show that the peak intensity and position are affected by all five parameters.

(T) Plot of the intensity of the scattered light versus the scattering angle for different concentrations and polarization angles and time delays and wavelengths and scattering vectors and polarization angles. The curves show that the peak intensity and position are affected by all six parameters.

(U) Plot of the intensity of the scattered light versus the scattering angle for different concentrations and polarization angles and time delays and wavelengths and scattering vectors and polarization angles and time delays. The curves show that the peak intensity and position are affected by all seven parameters.

(V) Plot of the intensity of the scattered light versus the scattering angle for different concentrations and polarization angles and time delays and wavelengths and scattering vectors and polarization angles and time delays and wavelengths. The curves show that the peak intensity and position are affected by all eight parameters.

(W) Plot of the intensity of the scattered light versus the scattering angle for different concentrations and polarization angles and time delays and wavelengths and scattering vectors and polarization angles and time delays and wavelengths and scattering vectors. The curves show that the peak intensity and position are affected by all nine parameters.

(X) Plot of the intensity of the scattered light versus the scattering angle for different concentrations and polarization angles and time delays and wavelengths and scattering vectors and polarization angles and time delays and wavelengths and scattering vectors and polarization angles. The curves show that the peak intensity and position are affected by all ten parameters.

(Y) Plot of the intensity of the scattered light versus the scattering angle for different concentrations and polarization angles and time delays and wavelengths and scattering vectors and polarization angles and time delays and wavelengths and scattering vectors and polarization angles and time delays. The curves show that the peak intensity and position are affected by all eleven parameters.

(Z) Plot of the intensity of the scattered light versus the scattering angle for different concentrations and polarization angles and time delays and wavelengths and scattering vectors and polarization angles and time delays and wavelengths and scattering vectors and polarization angles and time delays and wavelengths. The curves show that the peak intensity and position are affected by all twelve parameters.

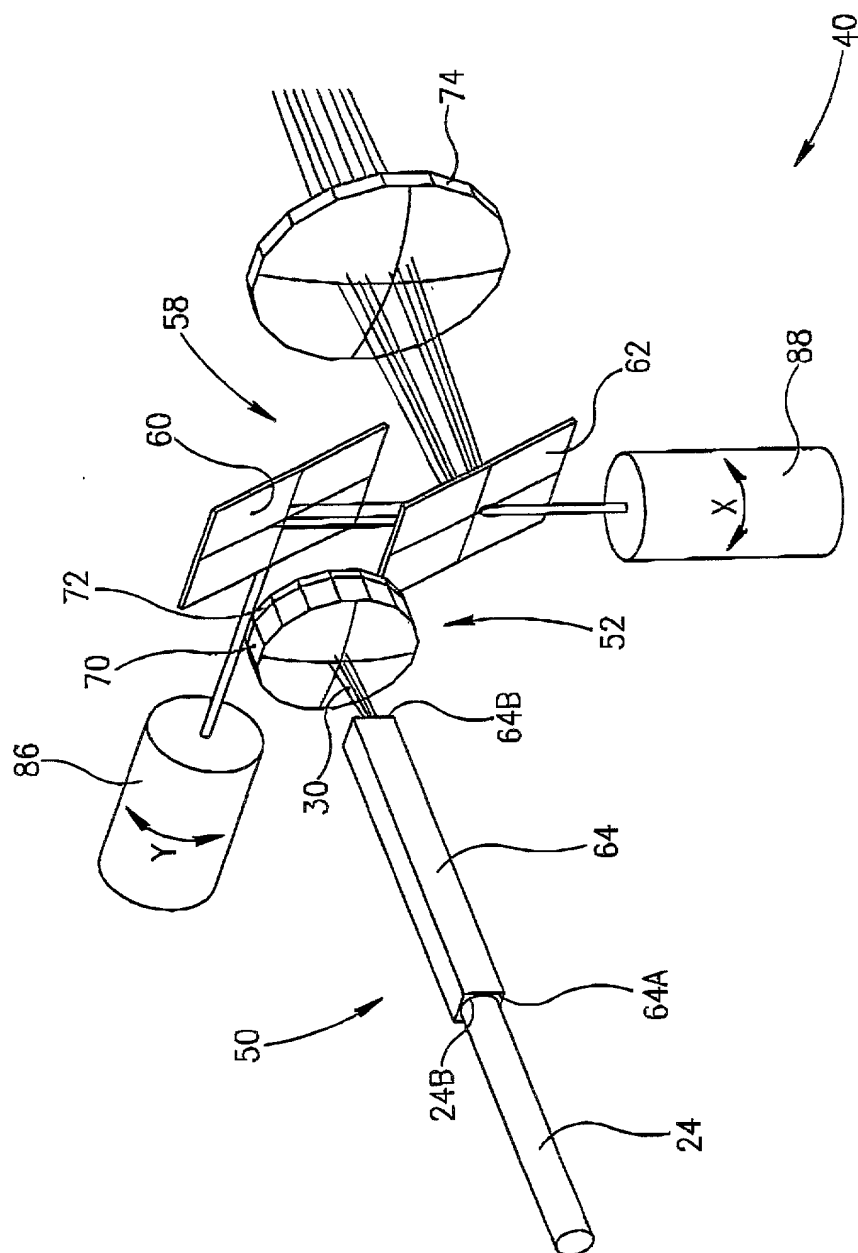


FIG. 4

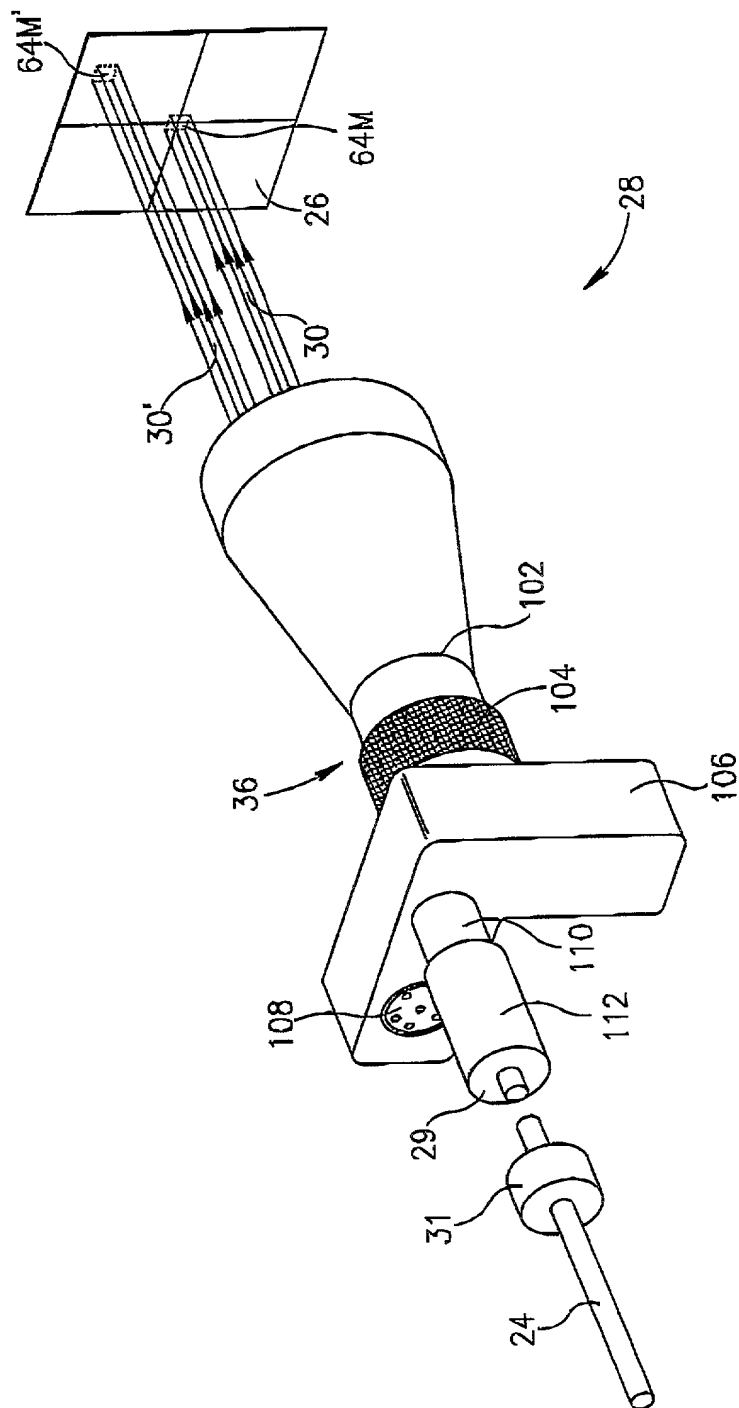


FIG. 5

GROUP	ELEMENT	SURFACE	RADIUS (mm)	THICKNESS (mm)	GLASS
FIBER 24	24B	S0		0.05	AIR
GUIDE 64	64A	S1		50.00	LF5
	64B	S2		5.30	AIR
GROUP 52	70	S3	41.01	1.03	SF10
		S4	4.35	3.06	BAFN10
	72	S5	-6.98	5.00	AIR
MIRROR	60	S6		6.73	REFLECT
MIRROR	62	S7		T1	REFLECT
GROUP 54	74	S8	30.03	4.20	SSKN8
		S9	-24.65	T2	AIR
	76	S10	-6.50	1.80	SFL6
		S11	15.50	T3	AIR
	78	S12	53.57	6.00	BAFN10
		S13	-19.84	T4	AIR
GROUP 56	80	S14	34.81	11.00	BAFN10
		S15	-22.12	2.20	SF10
	82	S16	-203.48	68.00	AIR
TREATMENT	26	S17			

FIG. 6A

SPOT (64M) (mm)	T1 (mm)	T2 (mm)	T3 (mm)	T4 (mm)
6	5.27	30.33	2.73	23.81
4	12.61	25.48	4.00	20.05
2	37.58	17.77	5.79	1.00

FIG. 6B

FIG. 7

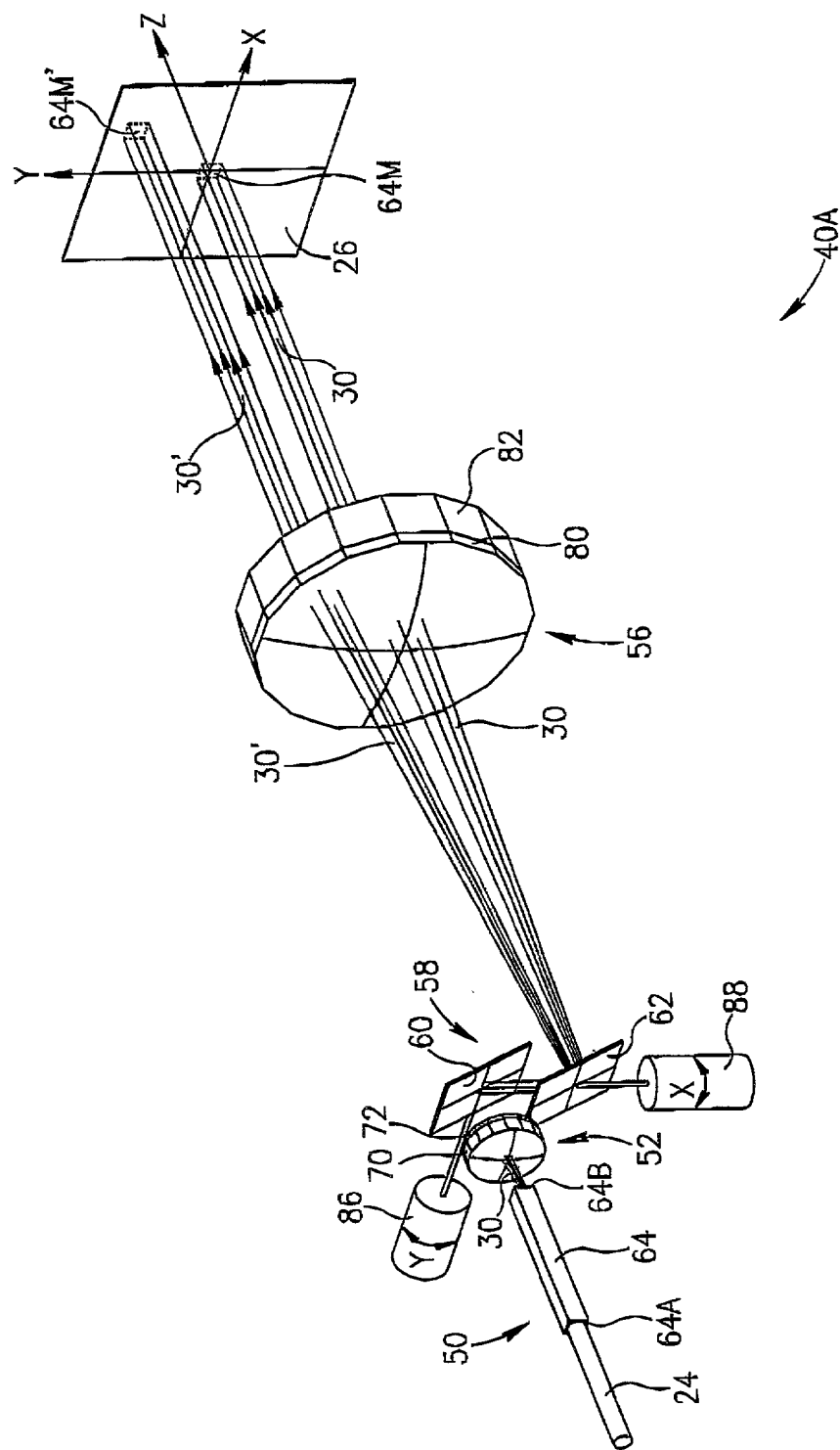


FIG. 7

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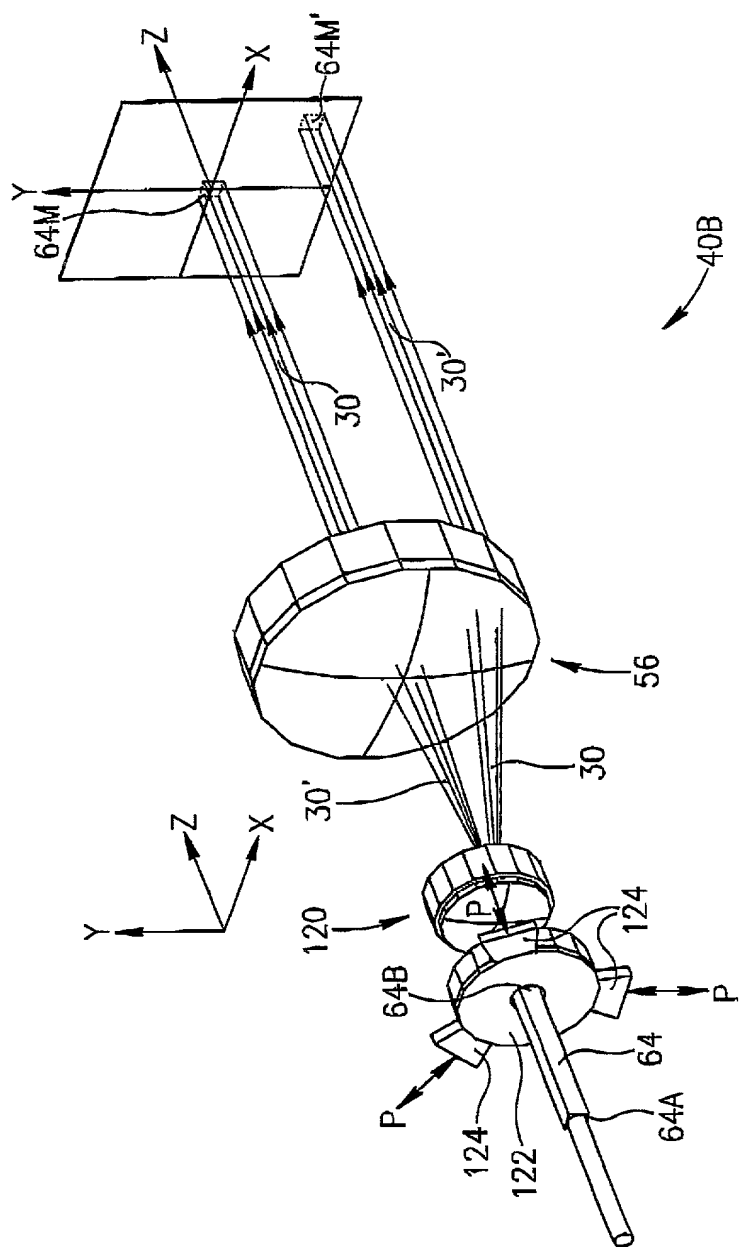


FIG. 8

GROUP	ELEMENT	SURFACE	RADIUS (mm)	THICKNESS (mm)	GLASS
FIBER 24	24B	S0		0.05	AIR
GUIDE 64	64A	S1		50.00	LF5
	64B	S2		7.20	AIR
GROUP 52	70	S3	41.01	1.03	SF10
		S4	4.35	3.06	BAFN10
	72	S5	-6.98	66.0	AIR
GROUP 56	80	S14	32.60	8.4	BAFN10
		S15	-31.81	2.99	SF10
	82	S16	-799.64	75.0	AIR
TREATMENT	26	S17			

FIG.9

FIG. 10

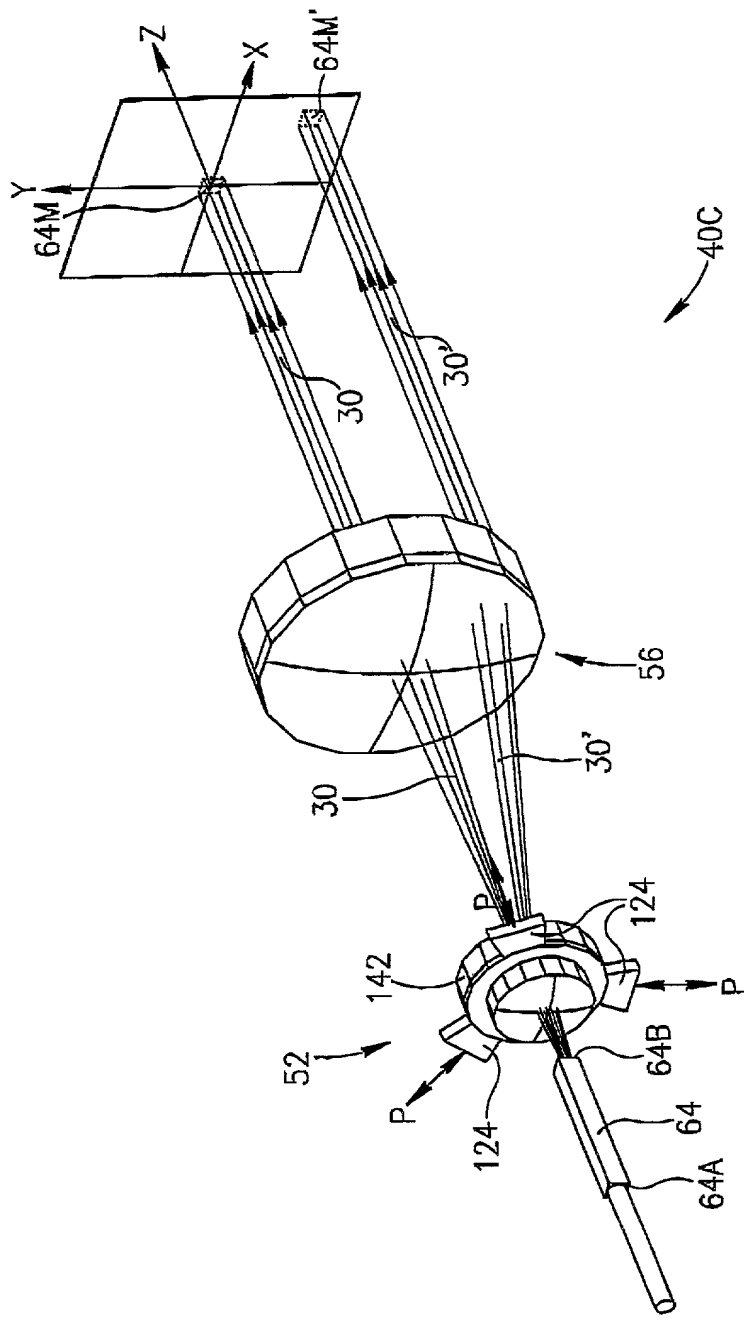


FIG.10

GROUP	ELEMENT	SURFACE	RADIUS (mm)	THICKNESS (mm)	GLASS
FIBER 24	24B	S0		0.05	AIR
GUIDE 64	64A	S1		50.00	LF5
	64B	S2		7.20	AIR
GROUP 52	70	S3	41.01	1.03	SF10
		S4	4.35	3.06	BAFN10
	72	S5	-6.98	61.35	AIR
GROUP 56	80	S14	32.60	8.4	BAFN10
		S15	-31.81	2.99	SF10
	82	S16	-799.64	75.0	AIR
TREATMENT	26	S17			

FIG.11

FIG. 12

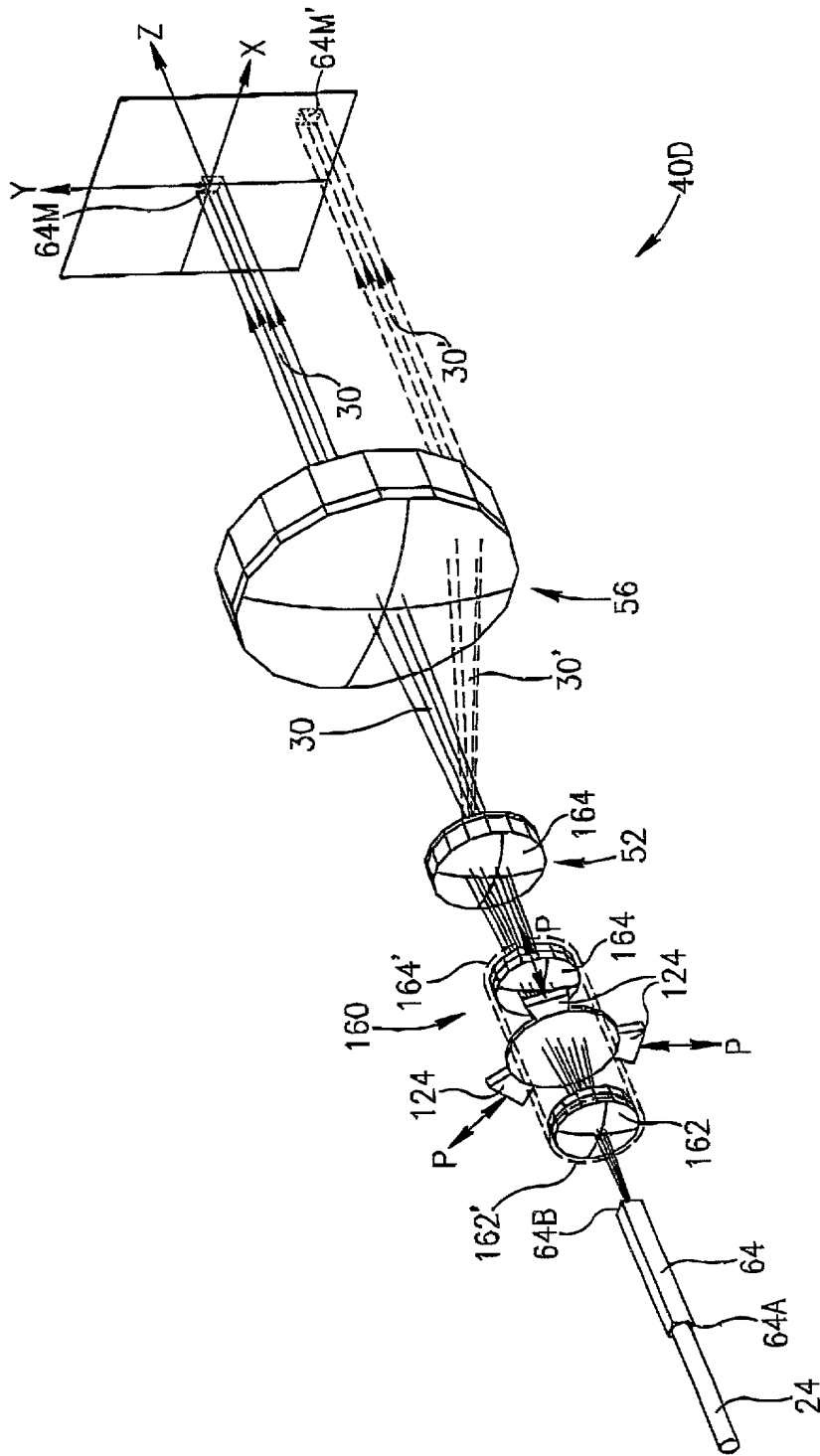


FIG.12

GROUP	ELEMENT	SURFACE	RADIUS (mm)	THICKNESS (mm)	GLASS
FIBER 24	24B	S0		0.05	AIR
GUIDE 64	64A	S1		50.00	LF5
	64B	S2		7.20	AIR
GROUP 160	162	S3	18.25	1.03	FD10
		S4	3.09	3.72	BAFN10
		S5	-5.56	6.96	AIR
	164	S6	5.56	3.72	BAFN10
		S7	-3.09	1.03	FD10
		S8	-5.56	35.60	AIR
GROUP 52	70	S9	41.01	1.03	SF10
		S10	4.35	3.06	BAFN10
	72	S11	-6.98	61.35	AIR
GROUP 56	80	S12	32.60	8.4	BAFN10
		S13	-31.81	2.99	SF10
	82	S14	-799.64	75.0	AIR
TREATMENT	26	S15			

FIG.13

FIG. 14

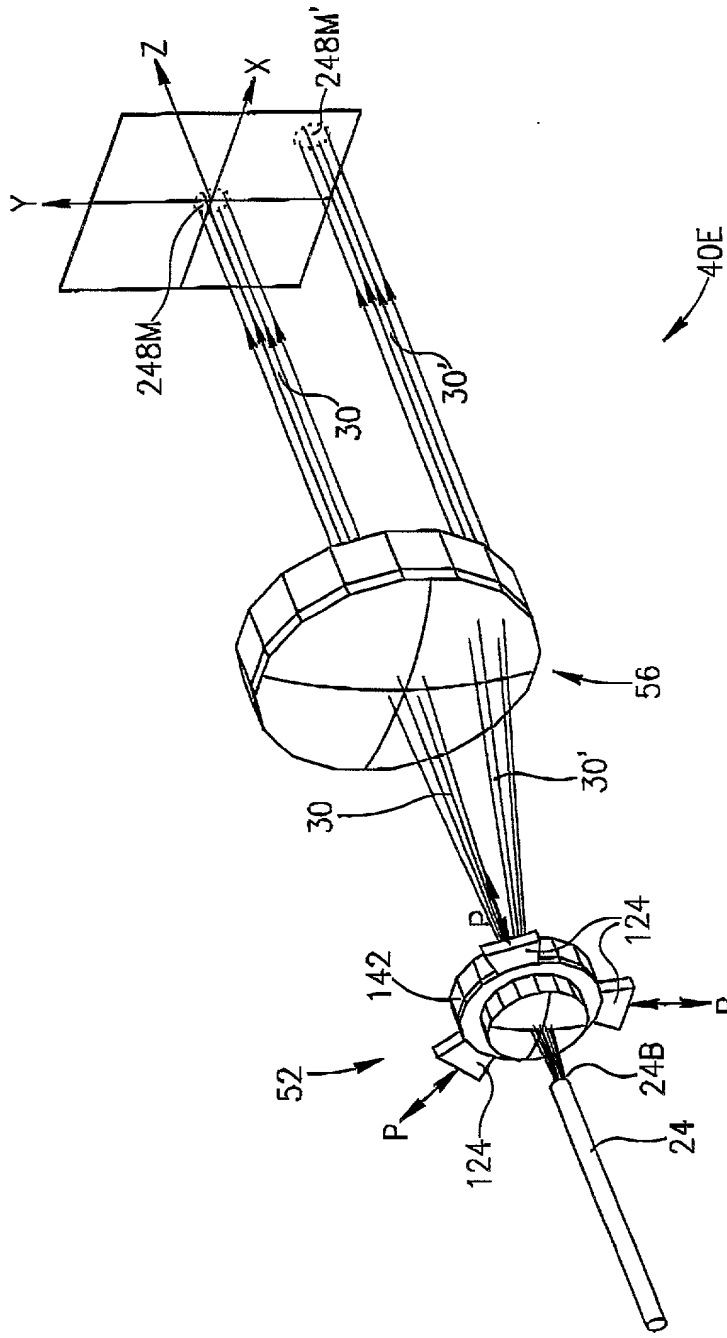


FIG.14

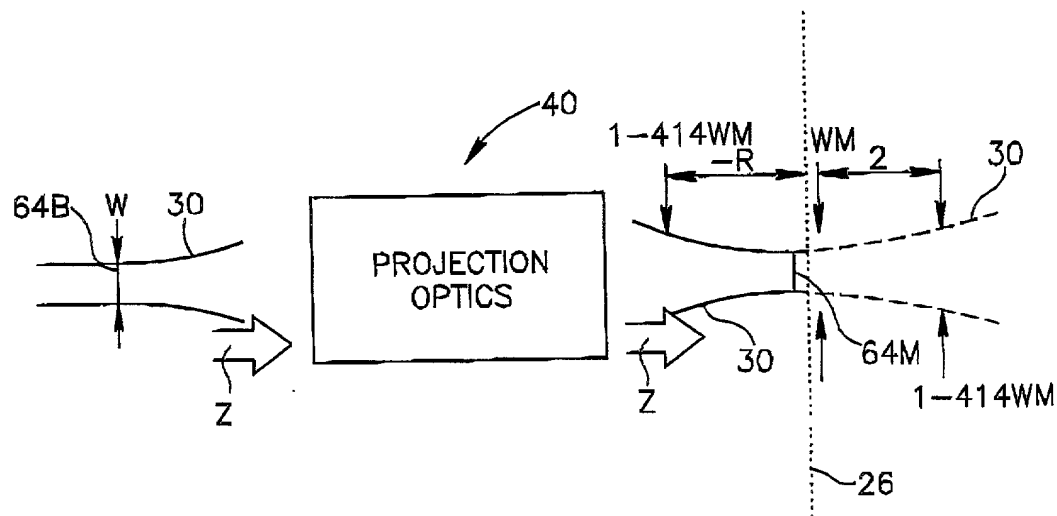


FIG.15